

Diagram illustrating a mobile communication system. A central **BASE STATION (140)** is shown, with three sectors defined by dashed lines 141, 142, and 143. The sectors are labeled **FIRST MOBILE STATION (110)**, **SECOND MOBILE STATION (120)**, and **THIRD MOBILE STATION (130)**. The base station is connected to the mobile stations via dashed lines 144 and 145. The base station is also connected to a central point (146) via a dashed line 147.

Diagram illustrating a mobile communication system. The system includes three mobile stations: (150) FIRST MOBILE STATION, (160) SECOND MOBILE STATION, and (170) THIRD MOBILE STATION. These stations are connected to a BASE STATION (180). The base station is shown as a circular area containing multiple antenna elements (181, 182, 183). The mobile stations are positioned around the base station, with their respective antenna elements (151, 161, 171) directed towards the base station. A dashed line labeled 'A' indicates a boundary or coverage area.

**FIG. 2A**

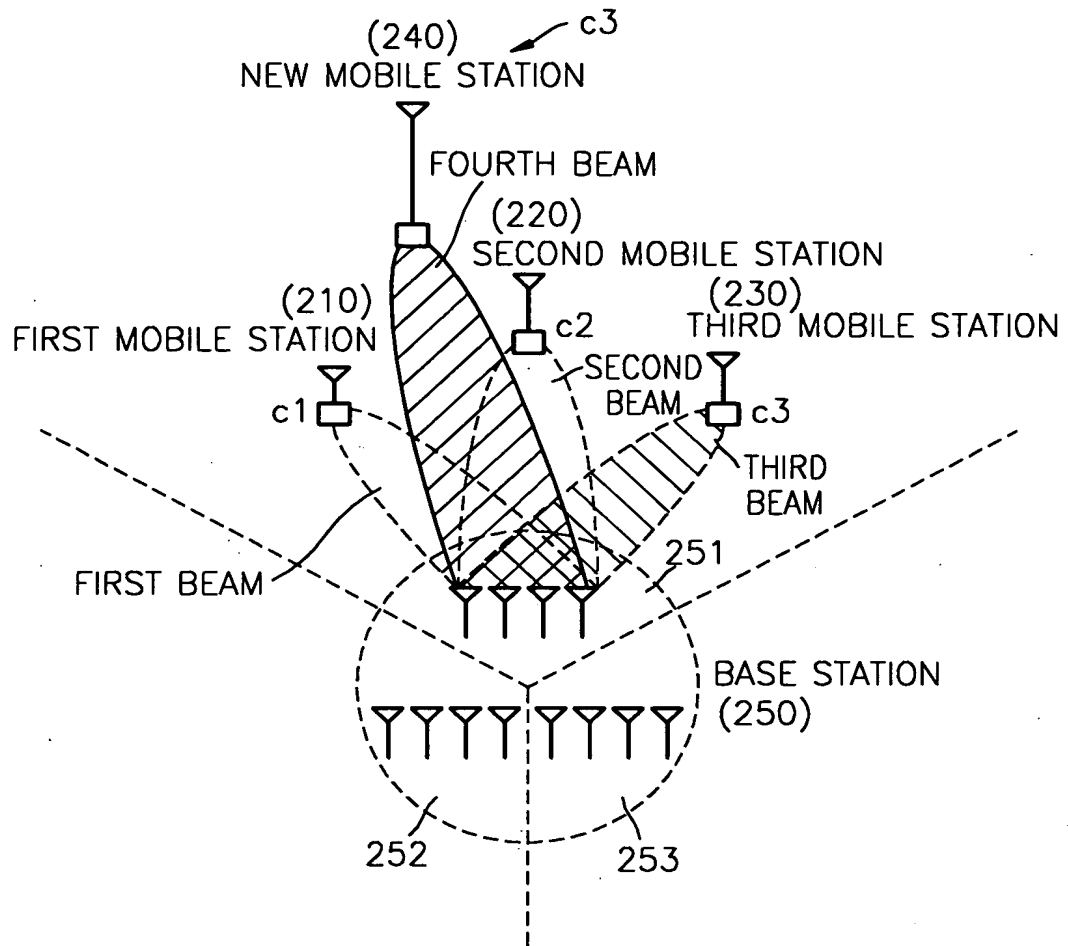
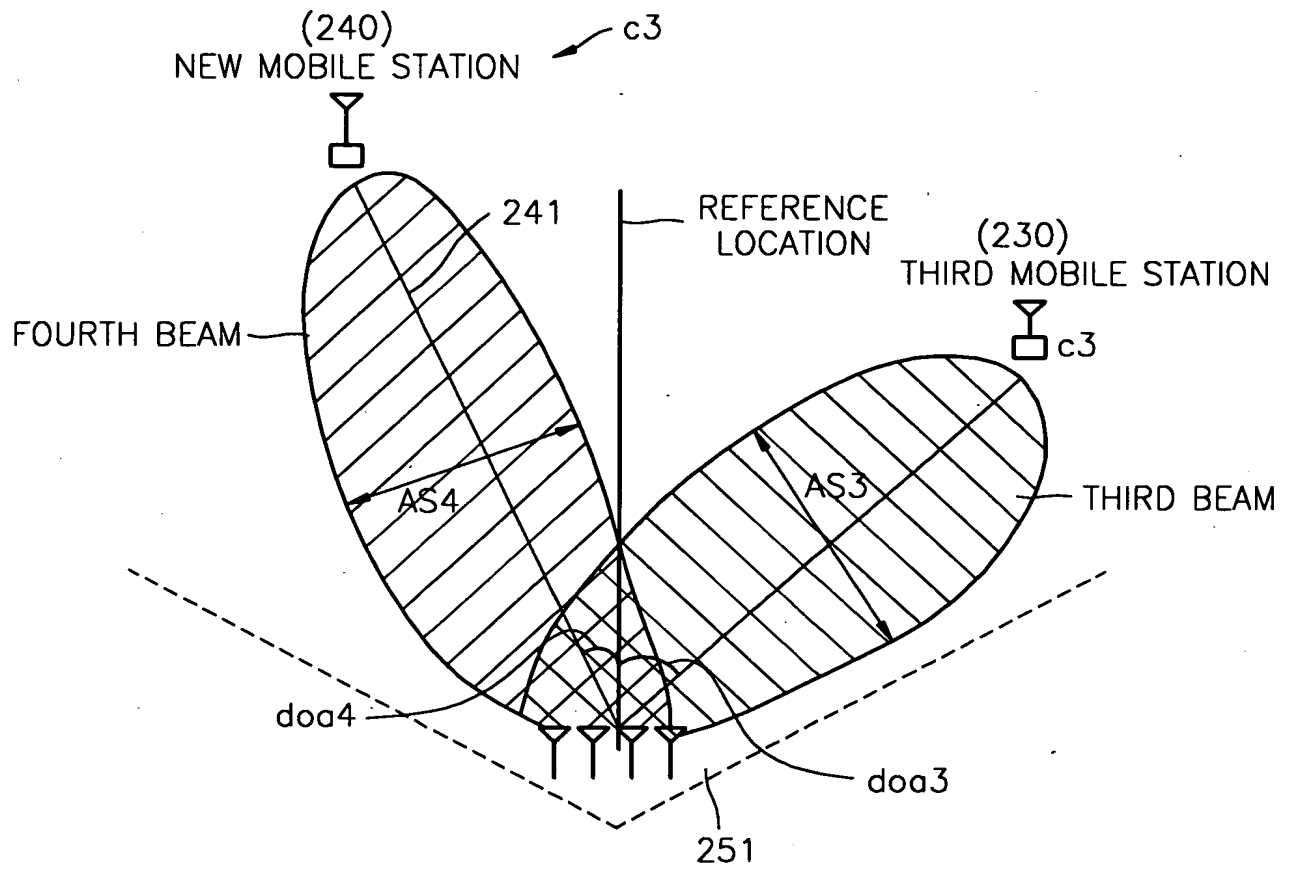


FIG. 2B



**FIG. 3**

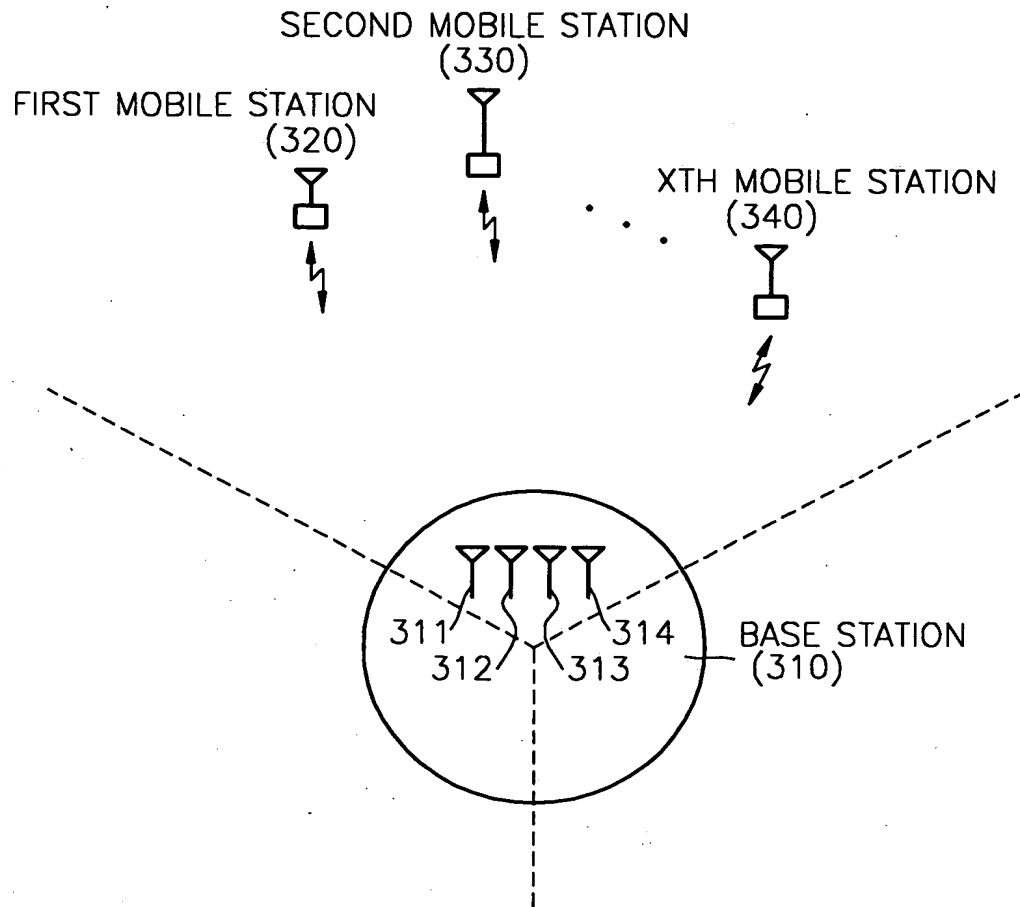


FIG. 4

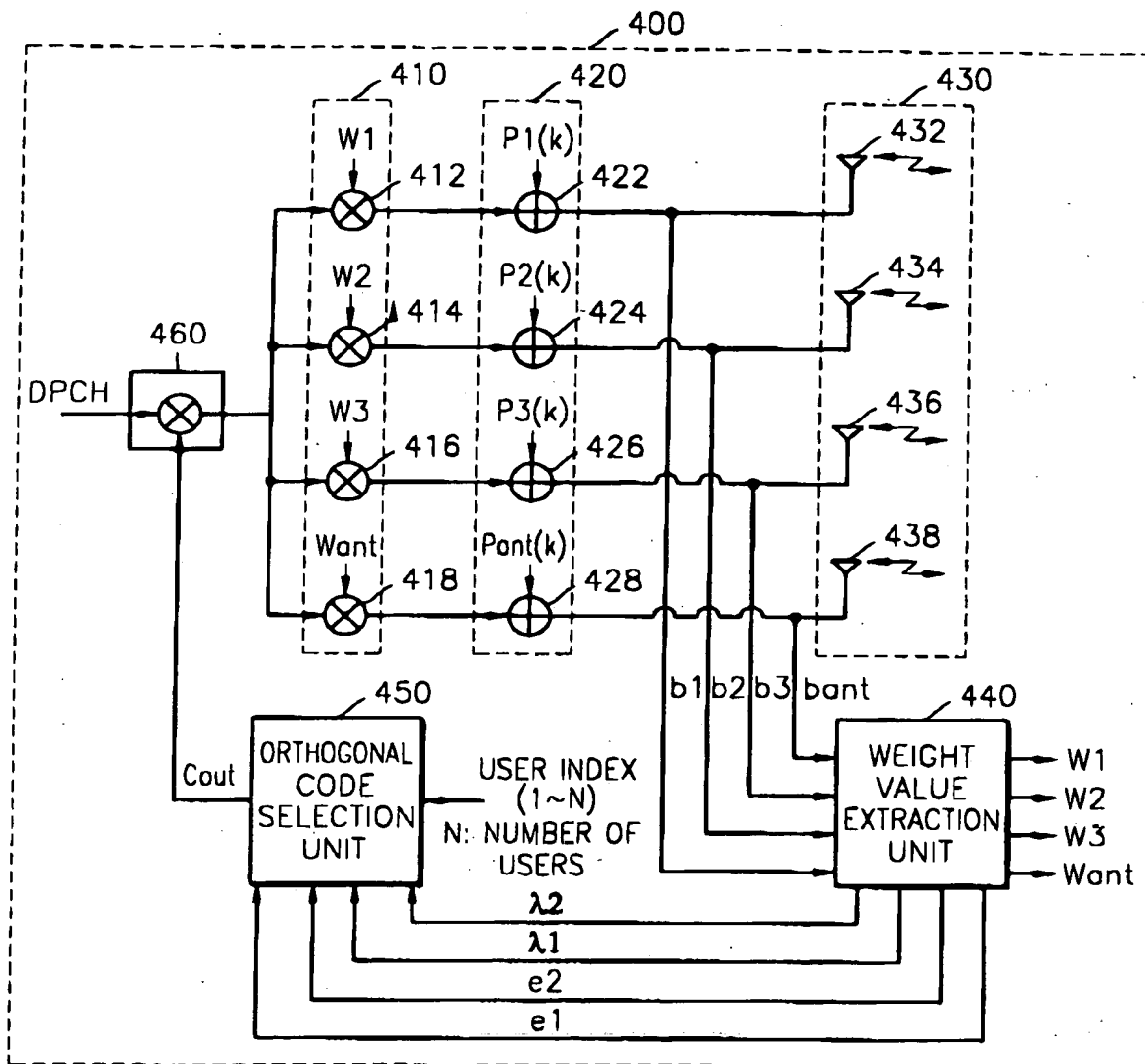


FIG. 5

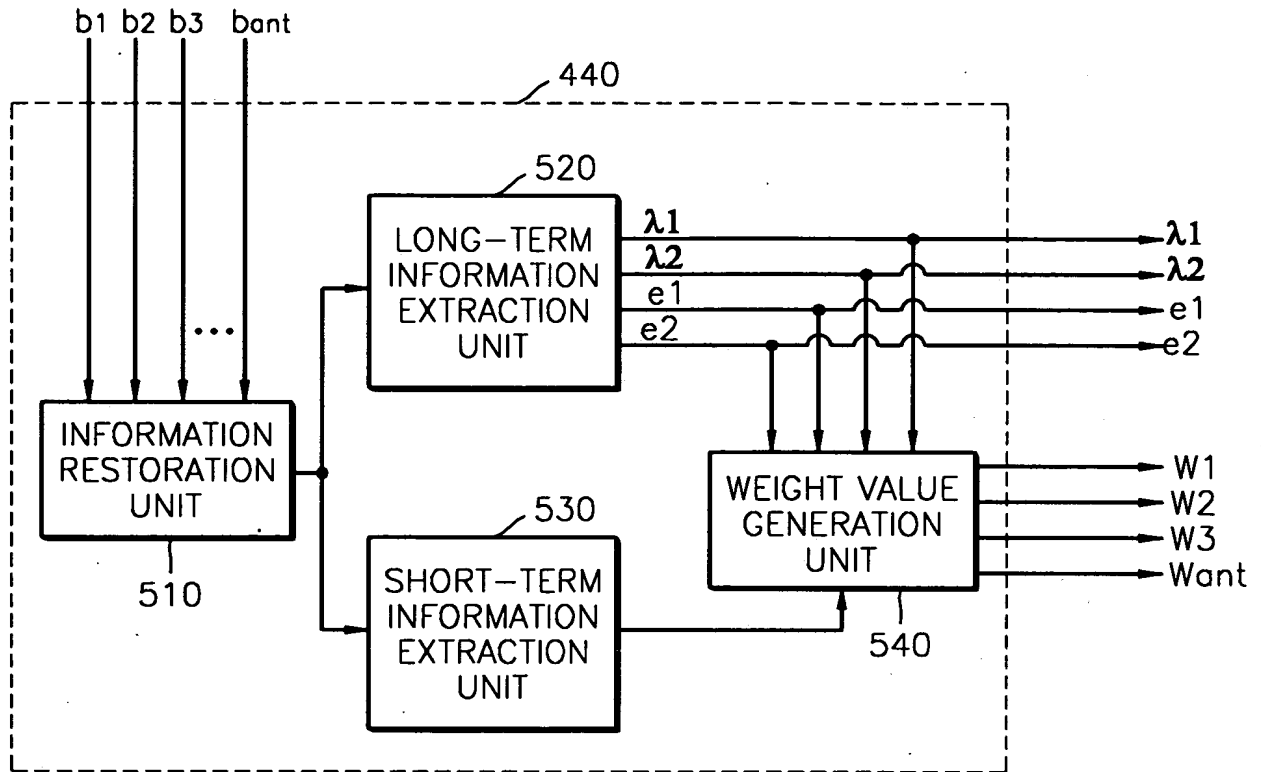


FIG. 6

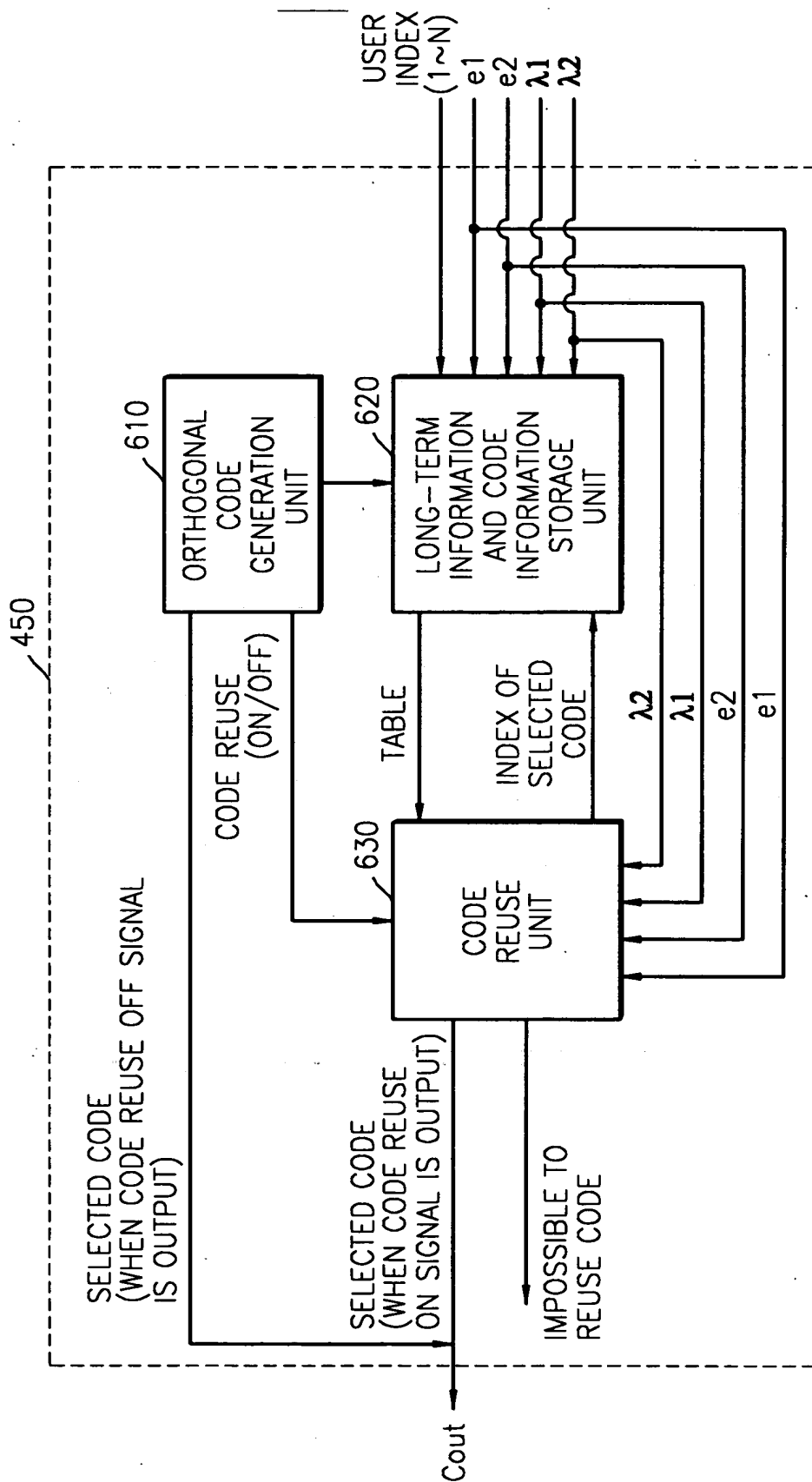


FIG. 7

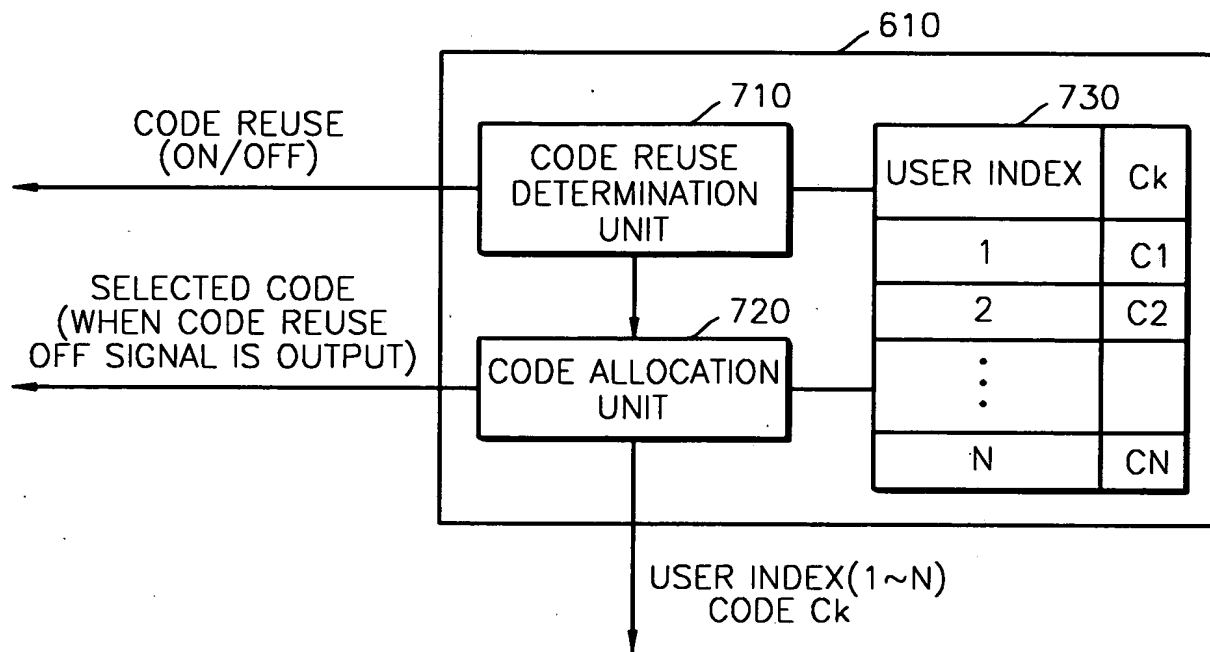
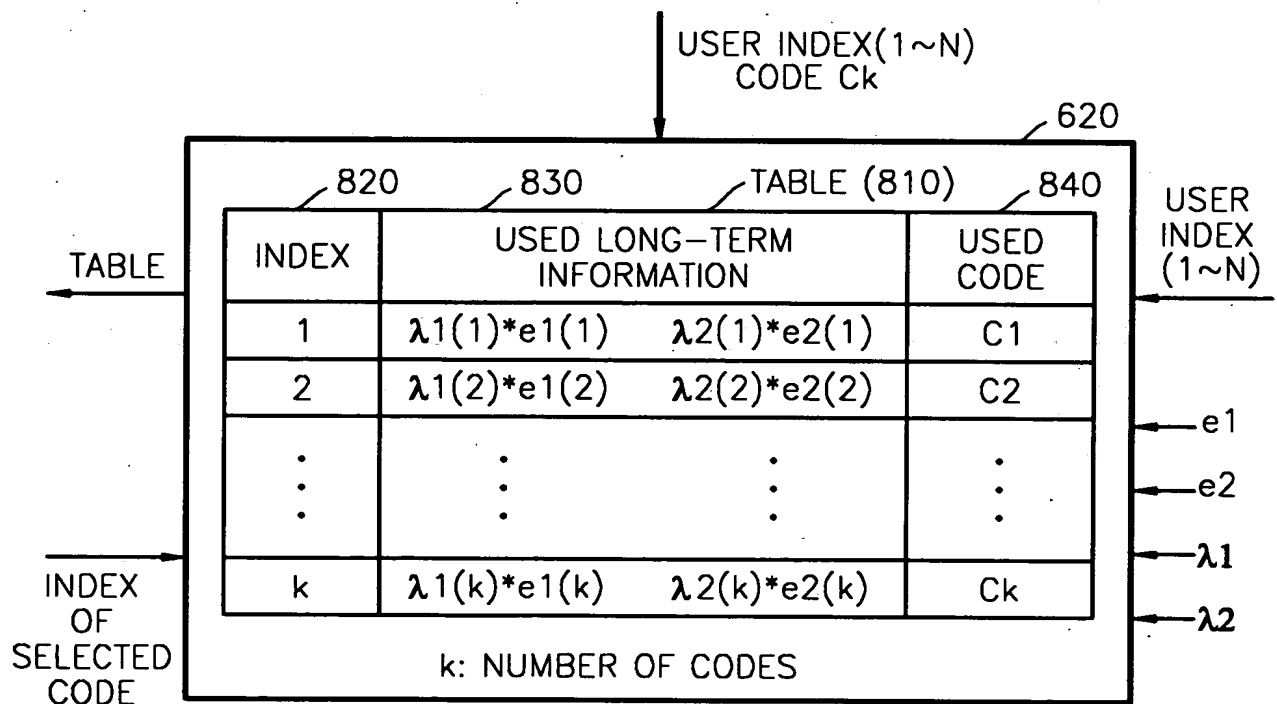
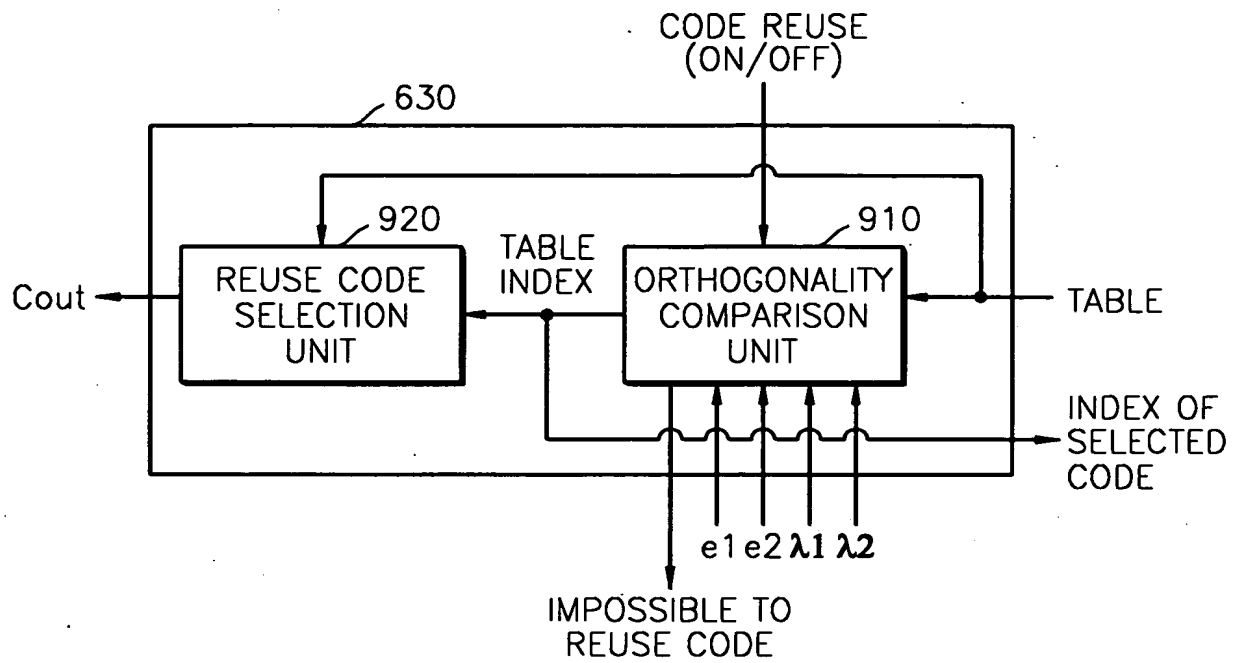


FIG. 8





**FIG. 9**



**FIG. 10**

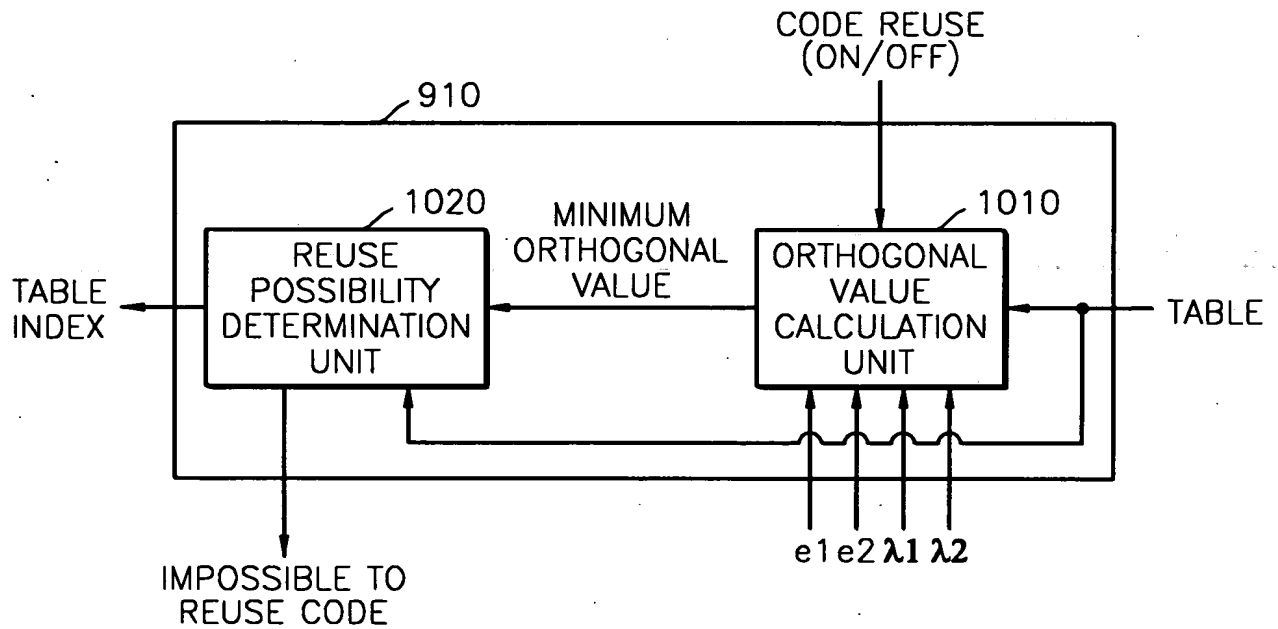
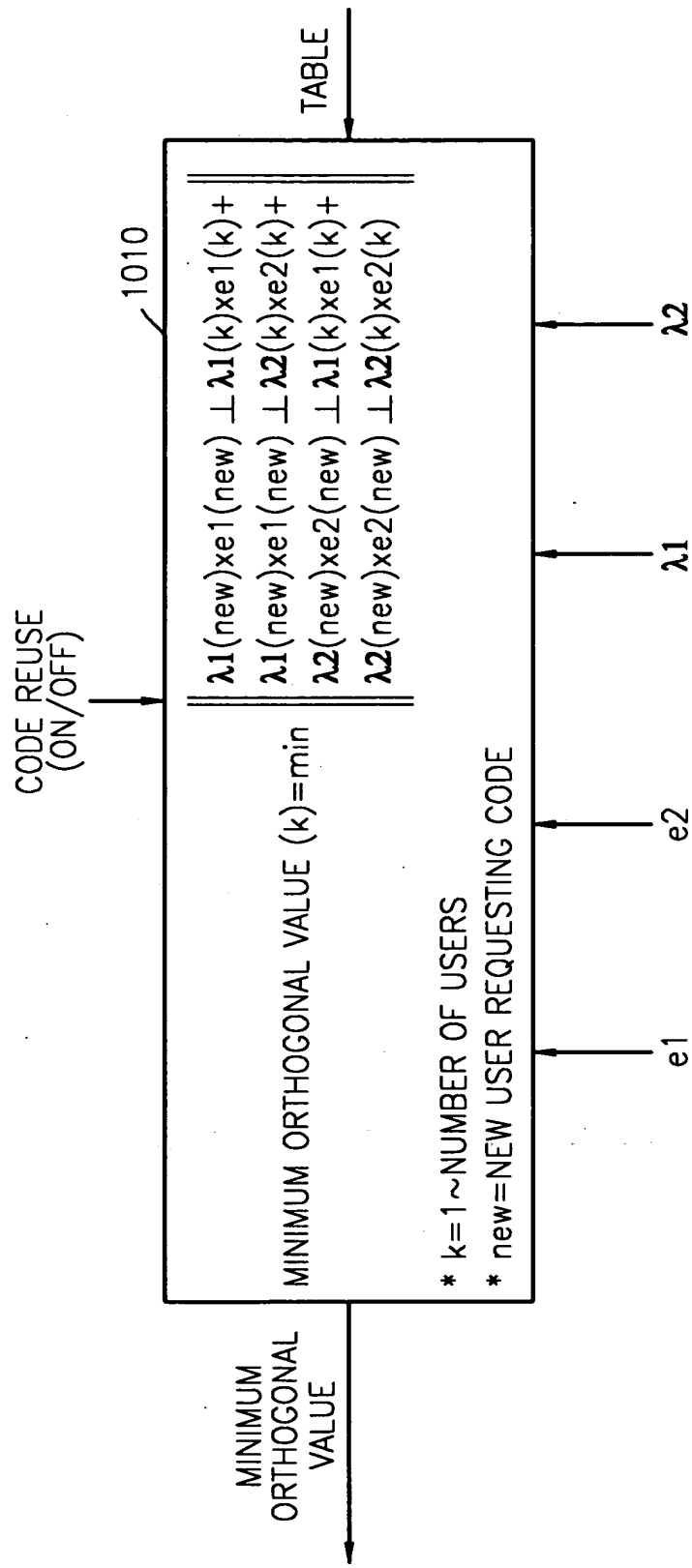
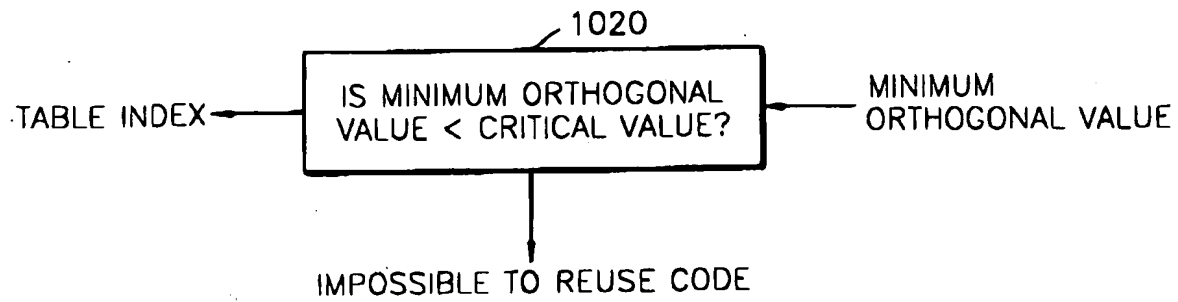


FIG. 11



**FIG. 12**



**FIG. 13**

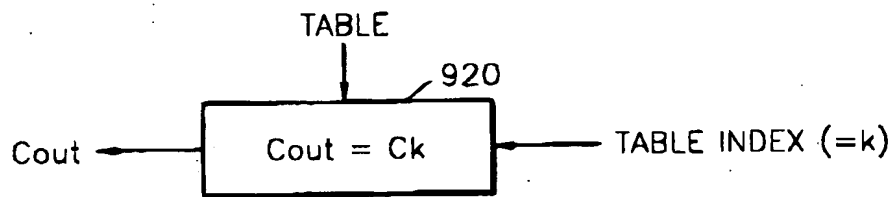


FIG. 14

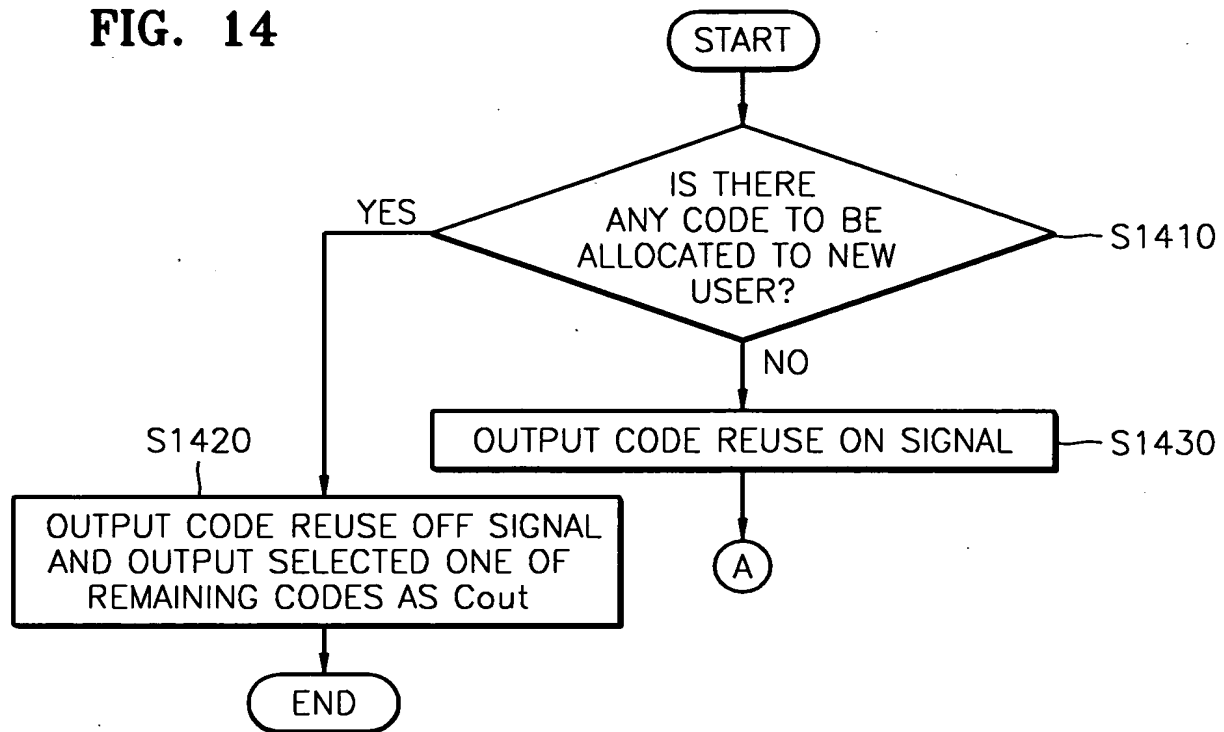
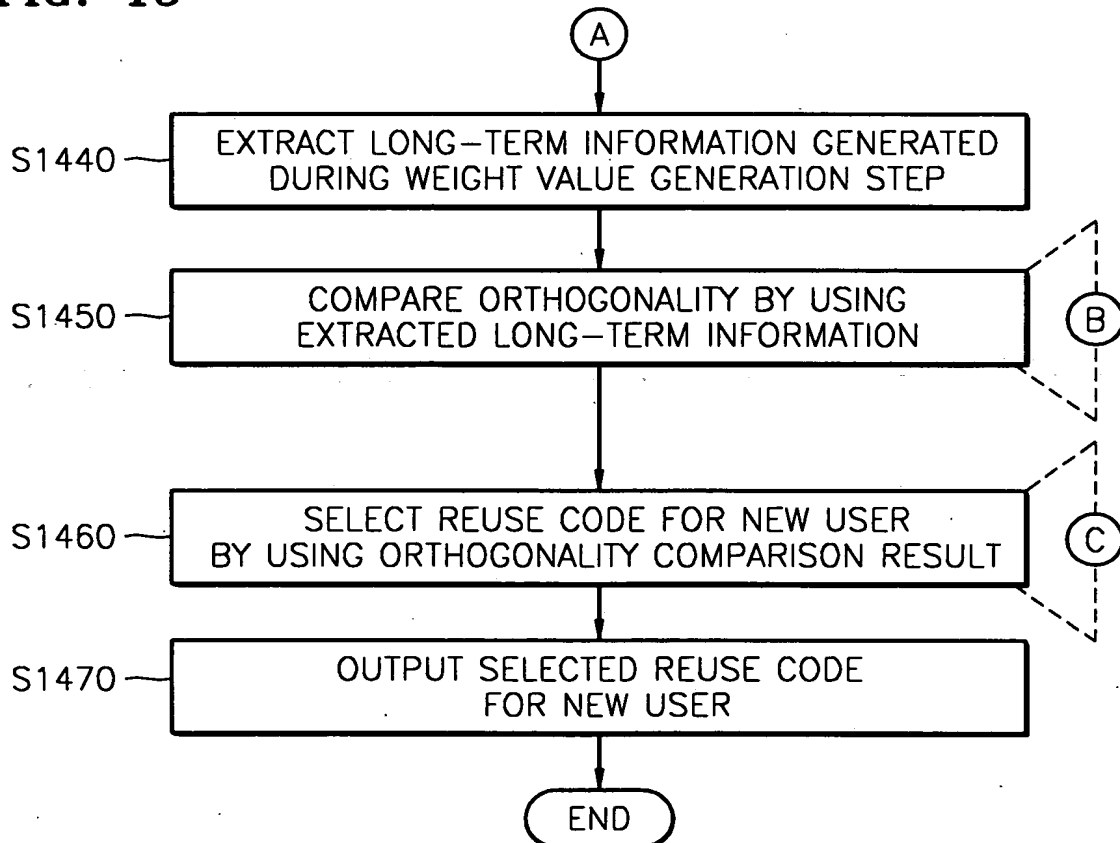
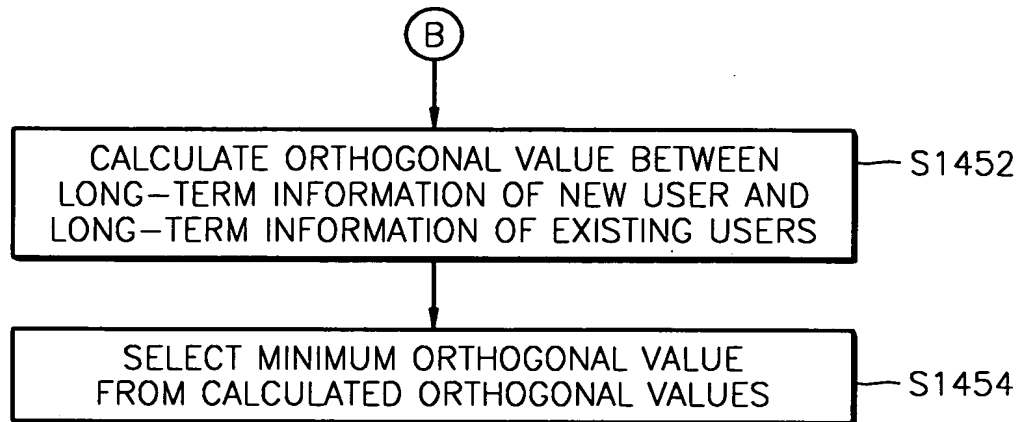


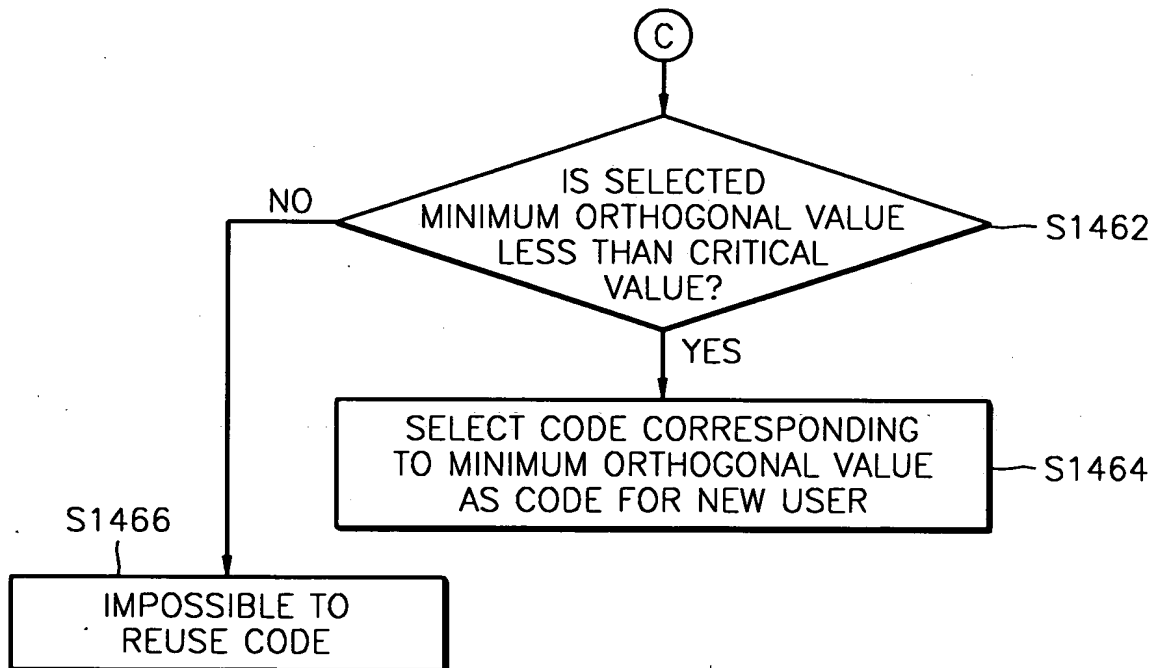
FIG. 15



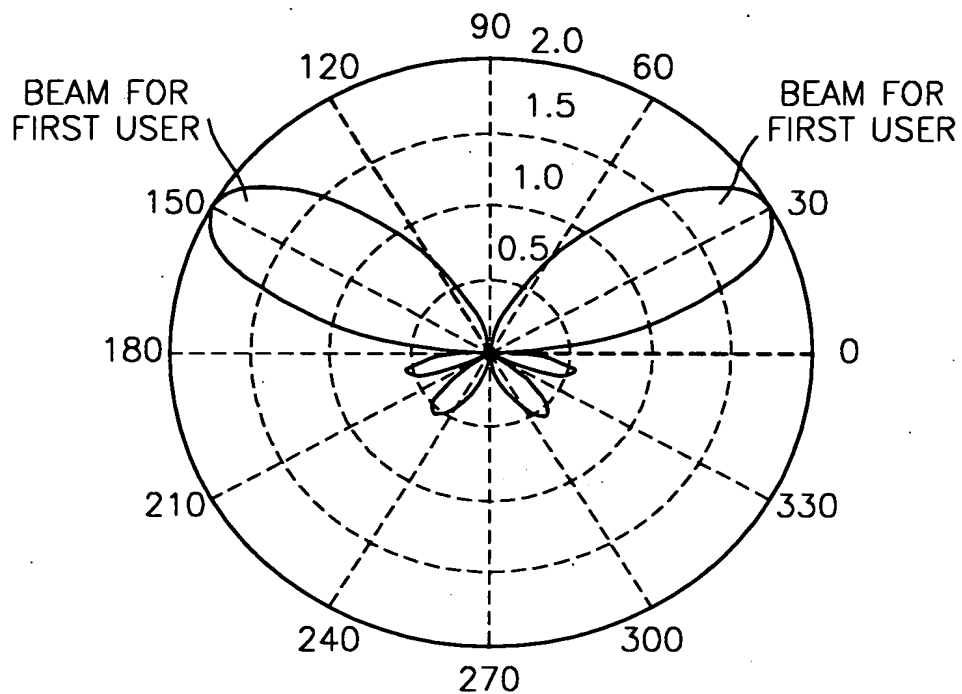
**FIG. 16**



**FIG. 17**



**FIG. 18A**



**FIG. 18B**

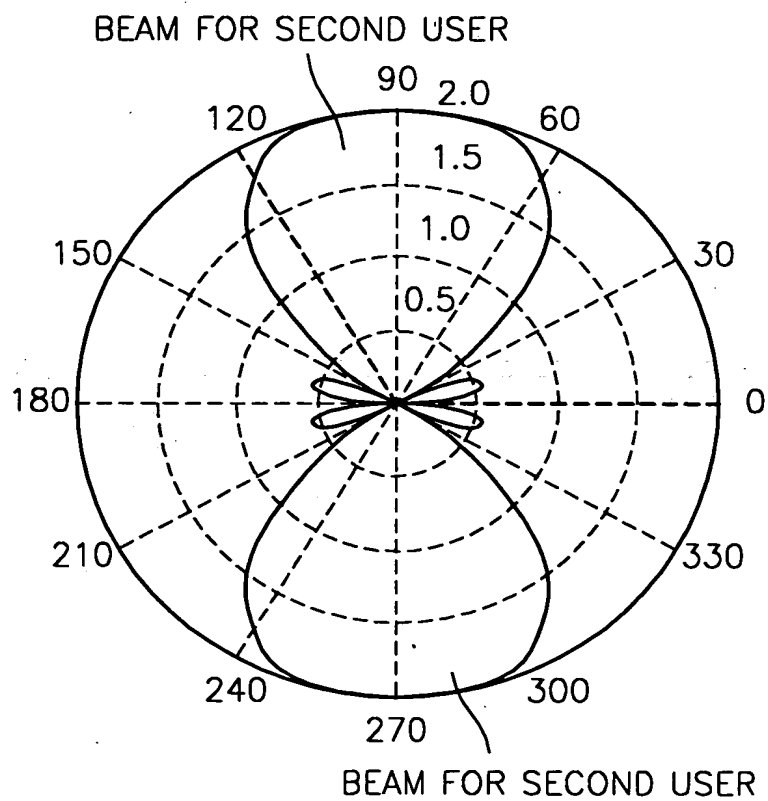


FIG. 18C

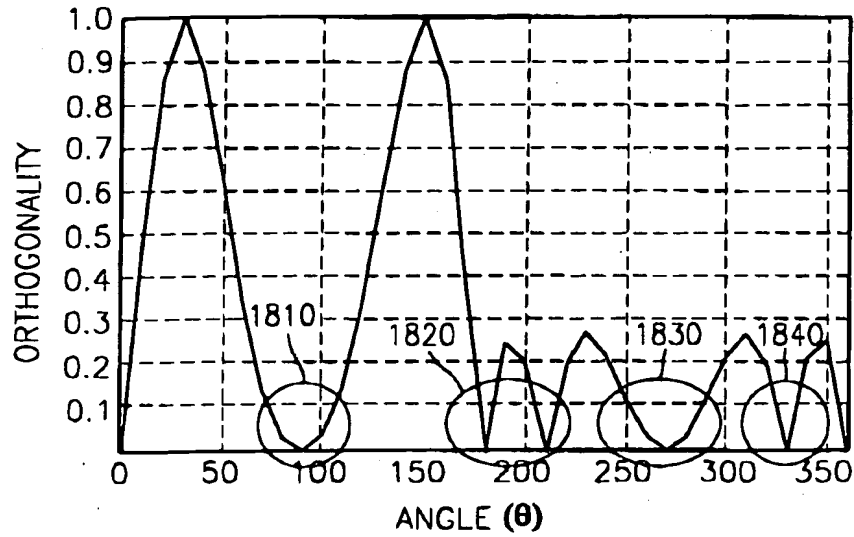


FIG. 19

